

# 2018 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
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## Section 1A / Regionally Prioritized Projects

### Regionally Prioritized Projects

Roadway reconstruction program	600518	Boston Region	Hingham	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	5	HSIP	\$ 611,547	\$ 550,392	\$ 61,155	Construction; STP+HSIP Total Cost = \$2,844,392; MPO Evaluation Score = 28
Roadway reconstruction program	600518	Boston Region	Hingham	HINGHAM- INTERSECTION IMPROVEMENTS AT DERBY STREET, WHITING STREET (ROUTE 53) AND GARDNER STREET	5	STP	\$ 2,232,845	\$ 1,786,276	\$ 446,569	Construction; STP+HSIP Total Cost = \$2,844,392; MPO Evaluation Score = 28
Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 13,427,220	\$ 10,741,776	\$ 2,685,444	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; AC Yr 3 of 6
Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	STP	\$ 33,072,780	\$ 26,458,224	\$ 6,614,556	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; funding flexed to FTA; match provided by local contributions; AC Yr 3 of 6
Roadway reconstruction program	604989	Boston Region	Southborough	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+TAP+STP Total Cost = \$7,271,690; MPO Evaluation Score = 42
Roadway reconstruction program	604989	Boston Region	Southborough	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	TAP	\$ 1,456,250	\$ 1,165,000	\$ 291,250	Construction; CMAQ+TAP+STP Total Cost = \$7,271,690; MPO Evaluation Score = 42; TAP project proponent = Southborough
Roadway reconstruction program	604989	Boston Region	Southborough	SOUTHBOROUGH- RECONSTRUCTION OF MAIN STREET (ROUTE 30), FROM SEARS ROAD TO PARK STREET	3	STP	\$ 4,815,440	\$ 3,852,352	\$ 963,088	Construction; CMAQ+TAP+STP Total Cost = \$7,271,690; MPO Evaluation Score = 42
Roadway reconstruction program	605110	Boston Region	Brookline	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; TAP+STP+CMAQ+Private Sector Contribution (\$1,000,000) = \$7,000,834; MPO Evaluation Score = 68
Roadway reconstruction program	605110	Boston Region	Brookline	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	TAP	\$ 1,255,000	\$ 1,004,000	\$ 251,000	Construction; TAP+STP+CMAQ+Private Sector Contribution (\$1,000,000) = \$7,000,834; MPO Evaluation Score = 68; TAP project proponent = Brookline
Roadway reconstruction program	605110	Boston Region	Brookline	BROOKLINE- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 9 & VILLAGE SQUARE (GATEWAY EAST)	6	STP	\$ 3,745,834	\$ 2,996,667	\$ 749,167	Construction; TAP+STP+CMAQ+Private Sector Contribution (\$1,000,000) = \$7,000,834; MPO Evaluation Score = 68
Capacity program	601630	Boston Region	Multiple	WEYMOUTH- ABINGTON- RECONSTRUCTION & WIDENING ON ROUTE 18 (MAIN STREET) FROM HIGHLAND PLACE TO ROUTE 139 (4.0 MILES) INCLUDES REPLACING W-32-013, ROUTE 18 OVER THE OLD COLONY RAILROAD (MBTA)	6	STP	\$ 27,631,758	\$ 22,105,406	\$ 5,526,352	Construction; STP+NHPP+HSIP+TEA-21 Earmark+BR Total Cost = \$81,812,268; AC Yr 3 of 3 (project originally funded into FFY 2019, but all remaining funding was transferred into FFY 2018)
Capacity program	603711	Boston Region	Multiple	NEEDHAM- WELLESLEY- REHAB/REPLACEMENT OF 6 BRIDGES ON I-95/ROUTE 128: N-04-020, N-04-021, N-04-022, N-04-026, N-04-027, N-04-037 & W-13-023 (ADD-A-LANE - CONTRACT V)	6	NHPP	\$ 1,988,367	\$ 1,590,694	\$ 397,673	Construction; NHPP+BR+Statewide Infrastructure Total Cost = \$164,919,140 (\$1,988,367 programmed within FFYs 2018-22 TIP) ; AC Yr 5 of 5
Bicycles and pedestrians program	608352	Boston Region	Salem	SALEM- CANAL STREET RAIL TRAIL CONSTRUCTION (PHASE 2)	4	TAP	\$ 2,787,456	\$ 2,229,965	\$ 557,491	Construction; TAP Total Cost = \$2,787,456; MPO Evaluation Score = 37; TAP project proponent = Salem

Regionally Prioritized Projects subtotal ▶ **\$ 95,024,497** \$ 76,080,752 \$ 18,943,745 ◀ 80% Federal + 20% Non-Federal

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► Section 1A / Fiscal Constraint Analysis

Total Regional Federal Aid Funds Programmed ▶		\$ 95,024,497	\$ 95,038,936	◀ Total	\$ 14,439	Target Funds Available
STP programmed ▶		\$ 73,487,024	\$ 77,071,365	◀ Max STP	\$ 3,584,341	STP available
HSIP programmed ▶		\$ 611,547	\$ 4,296,710	◀ Min. HSIP	\$ 3,685,163	HSIP recommended not met
CMAQ programmed ▶		\$ 15,427,220	\$ 10,741,776	◀ Min. CMAQ	\$ (4,685,444)	CMAQ recommended met
TAP programmed ▶		\$ 5,498,706	\$ 2,929,085	◀ Min. TAP	\$ (2,569,621)	TAP amount exceeded!
Remaining HSIP, CMAQ, and TAP Funds		\$ 14,439				

*Section 1A Instructions:* MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculates. Please verify the amount and only change if needed for flex. Column K) Non-federal funds autocalculates. Please verify the split/match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do not use any other format.

► Section 1B / Earmark or Discretionary Grant Funded Projects

► Other Federal Aid

Earmark Discretionary	Project #	Statewide	N/A	Bridge Inspection	Multiple	NHPP	\$	\$	\$	
Earmark Discretionary	606134	Boston Region	Boston	BOSTON- TRAFFIC SIGNAL IMPROVEMENTS ON BLUE HILL AVENUE AND WARREN STREET	6	HPP	\$ 2,501,046	\$ 2,000,837	\$ 500,209	Construction; HPP 2129 (MA155)
Earmark Discretionary	Project #	Boston	Municipalities	Description	District	HPP	\$ -	\$ -	\$ -	
Other Federal Aid subtotal ▶							\$ 2,501,046	\$ 2,000,837	\$ 500,209	◀ Funding Split Varies by Funding Source

► Section 2A / State Prioritized Reliability Projects

► Bridge Program / Inspections

Bridge Program	Project #	Statewide	N/A	Bridge Inspection	Multiple	NHPP	\$	\$	\$	
Bridge Program / Inspections subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

► Bridge Program / Off-System

Bridge Program	Project #	Statewide	N/A	Bridge Inspection	Multiple	NHPP	\$	\$	\$	
Bridge Program	606632	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- BRIDGE REPLACEMENT, H-23-006=W-24-016, FRUIT STREET OVER CSX & SUDBURY RIVER	3	STP-BR-OFF	\$ 12,993,071	\$ 10,394,457	\$ 2,598,614	Construction
Bridge Program	604655	Boston Region	Marshfield	MARSHFIELD- BRIDGE REPLACEMENT, M-07-007, BEACH STREET OVER THE CUT RIVER	5	STP-BR-OFF	\$ 4,189,856	\$ 3,351,884	\$ 837,971	Construction
Bridge Program	607533	Boston Region	Waltham	WALTHAM- BRIDGE REPLACEMENT, W-04-006, WOERD AVENUE OVER CHARLES RIVER	4	STP-BR-OFF	\$ 2,197,943	\$ 1,758,354	\$ 439,589	Construction
Bridge Program / Off-System subtotal ▶							\$ 19,380,870	\$ 15,504,696	\$ 3,876,174	◀ 80% Federal + 20% Non-Federal

► Bridge Program / On-System (NHS)

Bridge Program	Project #	Statewide	N/A	Bridge Inspection	Multiple	NHPP	\$	\$	\$	
Bridge Program	604952	Boston Region	Multiple	LYNN- SAUGUS- BRIDGE REPLACEMENT, L-18-016=S-05-008, ROUTE 107 OVER THE SAUGUS RIVER (AKA - BELDEN G. BLY BRIDGE)	4	NHPP-On	\$ 51,527,391	\$ 41,221,913	\$ 10,305,478	Construction
Bridge Program	604173	Boston Region	Boston	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 42,000,000	\$ 33,600,000	\$ 8,400,000	Construction / AC Year 2 of 5, Total Cost \$144,066,616
Bridge Program / On-System (NHS) subtotal ▶							\$ 93,527,391	\$ 74,821,913	\$ 18,705,478	◀ Funding Split Varies by Funding Source

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<b>► Bridge Program / On-System (Non-NHS)</b>											
	Bridge Program	Project #	MPO	N/A	Description	District	NHPP-Off	\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / Systematic Maintenance</b>											
	Bridge Program	607915	Boston Region	Multiple	NEWTON- WELLESLEY- WESTON- BRIDGE MAINTENANCE OF N-12-063, N-12-054, N-12-055 & N-12-056 ON I-95/ROUTE 128	6	NHPP-On	\$ 1,596,667	\$ 1,277,334	\$ 319,333	Construction
	Bridge Program	608521	Boston Region	Salem	SALEM- BRIDGE MAINTENANCE, S-01-018 (32T), (ST 114) NORTH STREET OVER (ST 107) BRIDGE STREET & MBTA	4	NHPP-Off	\$ 2,400,000	\$ 1,920,000	\$ 480,000	Construction
Bridge Program / Systematic Maintenance subtotal ►								\$ 3,996,667	\$ 3,197,334	\$ 799,333	◀ Funding Split Varies by Funding Source
<b>► Interstate Pavement</b>											
	Interstate Pavement	608823	Boston Region	Multiple	WELLESLEY- NEWTON- WESTON- PAVEMENT RESURFACING AND RELATED WORK ON I-95	6	NHPP	\$ 6,074,640	\$ 5,467,176	\$ 607,464	Construction
Interstate Pavement subtotal ►								\$ 6,074,640	\$ 5,467,176	\$ 607,464	◀ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	Non-Interstate Pavement	608008	Boston Region	Saugus	SAUGUS- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 9,812,880	\$ 7,850,304	\$ 1,962,576	Construction
	Non-Interstate Pavement	608478	Boston Region	Concord	CONCORD- RESURFACING AND RELATED WORK ON ROUTE 2	4	NHPP	\$ 4,248,000	\$ 3,398,400	\$ 849,600	Construction
	Non-Interstate Pavement	608379	Boston Region	Multiple	LEXINGTON- BELMONT- ARLINGTON- CAMBRIDGE- PAVEMENT PRESERVATION ON ROUTE 2	4	NHPP	\$ 8,437,000	\$ 6,749,600	\$ 1,687,400	Construction / Includes \$1,040,000 of stormwater improvements
	Non-Interstate Pavement	608069	Boston Region	Multiple	MARSHFIELD- PEMBROKE- NORWELL- HANOVER- ROCKLAND- HINGHAM- RESURFACING & RELATED WORK ON ROUTE 3	5	NHPP	\$ 13,876,216	\$ 11,100,973	\$ 2,775,243	Construction / Includes \$400,000 of stormwater improvements
Non-Interstate Pavement subtotal ►								\$ 36,374,096	\$ 29,099,277	\$ 7,274,819	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	Roadway Improvements	Project #	MPO	Multiple	Description	District	STP	\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Safety Improvements</b>											
	Safety Improvements	606381	Boston Region	Multiple	ARLINGTON- BELMONT- HIGHWAY LIGHTING REPAIR & MAINTENANCE ON ROUTE 2	4	STP	\$ 9,100,506	\$ 7,280,405	\$ 1,820,101	Construction
Safety Improvements subtotal ►								\$ 9,100,506	\$ 7,280,405	\$ 1,820,101	◀ Funding Split Varies by Funding Source

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### ▶ Section 2B / State Prioritized Modernization Projects

#### ▶ ADA Retrofits

ADA Retrofits	Project #	MPO	Municipalities	Description	District	STP	\$	\$	\$		
							-	-	-		
ADA Retrofits subtotal ▶							\$	-	-	-	◀ 80% Federal + 20% Non-Federal

#### ▶ Intersection Improvements

Intersection Improvements	Project #	Boston Region	Braintree	BRAINTREE- ADAPTIVE SIGNAL CONTROLS ON ROUTE 37 (GRANITE STREET)	6	CMAQ	\$	\$	\$		
	608651						500,000	400,000	100,000	Construction	
Intersection Improvements subtotal ▶							\$	500,000	400,000	100,000	◀ Funding Split Varies by Funding Source

#### ▶ Intelligent Transportation Systems

Intelligent Transportation Systems	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$	\$	\$		
							-	-	-		
Intelligent Transportation System subtotal ▶							\$	-	-	-	◀ 80% Federal + 20% Non-Federal

#### ▶ Roadway Reconstruction

Roadway Reconstruction	Project #	MPO	N/A	Description	District	CMAQ	\$	\$	\$		
							-	-	-		
Roadway Reconstruction subtotal ▶							\$	-	-	-	◀ 80% Federal + 20% Non-Federal

### ▶ Section 2C / State Prioritized Expansion Projects

#### ▶ Bicycles and Pedestrians

Bicycles and Pedestrians	Project #	Boston Region	Multiple	FRAMINGHAM- NATICK- COCHITUATE RAIL TRAIL CONSTRUCTION INCLUDING PEDESTRIAN BRIDGE, N-03-014, OVER ROUTE 9 & F-07-033=N-03-029 OVER ROUTE 30	3	CMAQ	\$	\$	\$		
	607732						9,770,863	7,816,690	1,954,173	Construction / PSAC score 35.5	
Bicycles and Pedestrians subtotal ▶							\$	9,770,863	7,816,690	1,954,173	◀ 80% Federal + 20% Non-Federal

#### ▶ Capacity

Capacity	Project #	MPO	Municipalities	Description	District	CMAQ	\$	\$	\$		
							-	-	-		
Capacity subtotal ▶							\$	-	-	-	◀ Funding Split Varies by Funding Source

### ▶ Section 3 / Planning / Adjustments / Pass-throughs

#### ▶ Planning / Adjustments / Pass-throughs

Planning / Adjustments / Pass-throughs	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$	\$	\$		
							-	-	-		
Other Statewide Items subtotal ▶							\$	-	-	-	◀ Funding Split Varies by Funding Source

### ▶ Section 4 / Non-Federally Aided Projects

#### ▶ Non-Federally Aided Projects

Non Federal Aid	Project #	MPO	Municipalities	Description	District	NFA	\$	\$	\$		
							-	-	-		
Non-Federal Aid subtotal ▶							\$	-	-	-	◀ 100% Non-Federal

## 2018 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ▶	\$ 276,250,576	\$ -	\$276,250,576	◀ Total Spending in Region
Federal Funds ▶	\$ 221,669,080	-	\$221,669,080	◀ Total Federal Spending in Region
Non-Federal Funds ▶	\$ 54,581,497	\$ -	\$ 54,581,497	◀ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

**Transportation Improvement Program (TIP)  
Project List (FY2018)**

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TD C	Local Funds	Total Cost
<b>5307</b>										
	5307 RTD0005465	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE		\$350,000	\$0	\$0	\$87,500	\$437,500
	5307 RTD0005467	Cape Ann Transportation Authority		114206 ACQUIRE - SHOP EQ/SOFTWARE MAINT		\$40,000	\$10,000	\$0	\$0	\$50,000
	5307 RTD0005469	Cape Ann Transportation Authority		114220 ACQUIRE - MISC SUPPORT EQUIPMENT		\$27,267	\$6,817	\$0	\$0	\$34,084
	5307 RTD0005473	Cape Ann Transportation Authority		114206 ACQUIRE - SHOP EQUIPMENT		\$52,000	\$13,000	\$0	\$0	\$65,000
				REHAB- SHELTERS Railroad, P&R, Emerson Ave		\$33,600	\$8,400	\$0	\$0	\$42,000
	5307 RTD0005474	Cape Ann Transportation Authority		113410 Ave		\$33,600	\$8,400	\$0	\$0	\$42,000
	5307 RTD0005475	Cape Ann Transportation Authority		113310 CONSTRUCT - BUS SHELTER-CATA HUB/COA		\$14,400	\$3,600	\$0	\$0	\$18,000
				REHAB/RENOVATE - BUS PASSENGER						
	5307 RTD0005476	Cape Ann Transportation Authority		113410 SHELTERS		\$9,600	\$2,400	\$0	\$0	\$12,000
	5307 RTD0005989	MetroWest Regional Transit Authority		113403 TERMINAL, INTERMODAL (TRANSIT)		\$150,000	\$37,500	\$0	\$0	\$187,500
	5307 RTD0005990	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV		\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
				ACQUISITION OF BUS SUPPORT						
	5307 RTD0005991	MetroWest Regional Transit Authority		114200 EQUIP/FACILITIES		\$248,415	\$62,104	\$0	\$0	\$310,519
	5307 RTD0005992	MetroWest Regional Transit Authority		440000 Mobility Management		\$25,000	\$6,250	\$0	\$0	\$31,250
		Massachusetts Bay Transportation Authority (MBTA)		121200 Revenue Vehicle Program		\$76,000,000	\$0	\$0	\$19,000,000	\$95,000,000
	5307 RTD0006350	Massachusetts Bay Transportation Authority (MBTA)		121200 Revenue Vehicle Program		\$76,000,000	\$0	\$0	\$19,000,000	\$95,000,000
		Massachusetts Bay Transportation Authority (MBTA)		126301 Systemwide Signals Program		\$65,446,986	\$0	\$0	\$16,361,747	\$81,808,733
				Subtotal		\$143,697,268	\$475,071	\$0	\$35,449,247	\$179,621,586
<b>5309</b>										
		Massachusetts Bay Transportation Authority (MBTA)		132303 Green Line Extension Project		\$150,000,000	\$0	\$0	\$147,878,038	\$297,878,038
	5309 RTD0005980	Massachusetts Bay Transportation Authority (MBTA)		132303 Green Line Extension Project		\$150,000,000	\$0	\$0	\$147,878,038	\$297,878,038
				Subtotal		\$150,000,000	\$0	\$0	\$147,878,038	\$297,878,038
<b>5310</b>						\$0	\$0	\$0	\$0	\$0
<b>5311</b>						\$0	\$0	\$0	\$0	\$0
<b>5337</b>										
	5337 RTD0006352	Massachusetts Bay Transportation Authority (MBTA)		122405 Bridge & Tunnel Program		\$72,000,000	\$0	\$0	\$18,000,000	\$90,000,000
	5337 RTD0006353	Massachusetts Bay Transportation Authority (MBTA)		123400 Stations and Facilities Program		\$50,401,533	\$0	\$0	\$12,600,383	\$63,001,916
	5337 RTD0006354	Massachusetts Bay Transportation Authority (MBTA)		124400 System Upgrades Program		\$20,000,000	\$0	\$0	\$5,000,000	\$25,000,000
				Subtotal		\$142,401,533	\$0	\$0	\$35,600,383	\$178,001,916
<b>5339</b>										
	5339 RTD0006355	Massachusetts Bay Transportation Authority (MBTA)		111400 Bus Program		\$5,318,786	\$0	\$0	\$1,329,696	\$6,648,482
				Subtotal		\$5,318,786	\$0	\$0	\$1,329,696	\$6,648,482
<b>5320</b>						\$0	\$0	\$0	\$0	\$0
<b>Other Federal</b>						\$0	\$0	\$0	\$0	\$0
<b>Other Non-Federal</b>										
Other Non-Federal	RTD0006002	MetroWest Regional Transit Authority		115320 CONSTRUCT MISC ELEC/POWER EQUIP		\$0	\$750,000	\$0	\$0	\$750,000
				Subtotal		\$0	\$750,000	\$0	\$0	\$750,000
				Total		\$441,417,587	\$1,225,071	\$0	\$220,257,364	\$662,900,022

Funds listed under the Carry Over column are included in the Federal Amount

# 2019 Boston Region Transportation Improvement Program

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► Section 1A / Regionally Prioritized Projects

► Regionally Prioritized Projects

Roadway reconstruction program	607428	Boston Region	Multiple	HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140.	3	HSIP	\$ 1,940,476	\$ 1,746,428	\$ 194,048	Construction; CMAQ+HSIP Total Cost = \$2,727,881; MPO Evaluation Score = 54
Roadway reconstruction program	607428	Boston Region	Multiple	HOPEDALE- MILFORD- RESURFACING & INTERSECTION IMPROVEMENTS ON ROUTE 16 (MAIN STREET), FROM WATER STREET WEST TO APPROXIMATELY 120 FEET WEST OF THE MILFORD/HOPEDALE T.L AND THE INTERSECTION OF ROUTE 140.	3	CMAQ	\$ 787,405	\$ 629,924	\$ 157,481	Construction; CMAQ+HSIP Total Cost = \$2,727,881; MPO Evaluation Score = 54
Roadway reconstruction program	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	HSIP	\$ 1,448,825	\$ 1,303,943	\$ 144,883	Cosntruction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73
Roadway reconstruction program	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	CMAQ	\$ 1,275,588	\$ 1,020,470	\$ 255,118	Cosntruction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73
Roadway reconstruction program	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	TAP	\$ 724,412	\$ 579,530	\$ 144,882	Cosntruction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73; TAP project proponent = Everett
Roadway reconstruction program	607652	Boston Region	Everett	EVERETT- RECONSTRUCTION OF FERRY STREET, SOUTH FERRY STREET AND A PORTION OF ELM STREET	4	STP	\$ 13,150,177	\$ 10,520,142	\$ 2,630,035	Cosntruction; CMAQ+STP+HSIP+TAP Total Cost = \$16,599,002; MPO Evaluation Score = 73
Roadway reconstruction program	606043	Boston Region	Hopkinton	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	HSIP	\$ 1,275,206	\$ 1,147,685	\$ 127,521	Construction; CMAQ+HSIP+STP Total Cost = \$8,174,400
Roadway reconstruction program	606043	Boston Region	Hopkinton	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+HSIP+STP Total Cost = \$8,174,400
Roadway reconstruction program	606043	Boston Region	Hopkinton	HOPKINTON- SIGNAL & INTERSECTION IMPROVEMENTS ON ROUTE 135	3	TAP	\$ 5,899,194	\$ 4,719,355	\$ 1,179,839	Construction; CMAQ+HSIP+STP Total Cost = \$8,174,400; TAP project proponent = Hopkinton
Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 13,427,220	\$ 10,741,776	\$ 2,685,444	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 4 of 6; funding flexed to FTA; match provided by local contributions
Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	STP	\$ 27,072,780	\$ 21,658,224	\$ 5,414,556	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 4 of 6; funding flexed to FTA; match provided by local contributions
Roadway reconstruction program	605034	Boston Region	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	CMAQ	\$ 2,415,334	\$ 1,932,267	\$ 483,067	Construction; CMAQ+TAP+STP Total Cost = \$12,688,000; MPO Evaluation Score = 60
Roadway reconstruction program	605034	Boston Region	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	TAP	\$ 1,318,933	\$ 1,055,146	\$ 263,787	Construction; CMAQ+TAP+STP Total Cost = \$12,688,000; MPO Evaluation Score = 60
Roadway reconstruction program	605034	Boston Region	Natick	NATICK- RECONSTRUCTION OF ROUTE 27 (NORTH MAIN STREET), FROM NORTH AVENUE TO THE WAYLAND T.L.	3	STP	\$ 8,953,733	\$ 7,162,986	\$ 1,790,747	Construction; CMAQ+TAP+STP Total Cost = \$12,688,000; MPO Evaluation Score = 60

## 2019 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
	Roadway reconstruction program	605789	Boston Region	Boston	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	STP	\$ 7,348,506	\$ 5,878,805	\$ 1,469,701	Construction; STP+Earmark Total Cost = \$24,792,845 ; MPO Evaluation Score = 59
	Roadway reconstruction program	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUT 9 (NEWTON)	6	HSIP	\$ 2,319,644	\$ 2,087,680	\$ 231,964	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75
	Roadway reconstruction program	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUT 9 (NEWTON)	6	CMAQ	\$ 2,000,000	\$ 1,600,000	\$ 400,000	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75
	Roadway reconstruction program	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUT 9 (NEWTON)	6	TAP	\$ 1,546,492	\$ 1,237,194	\$ 309,298	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75; TAP project proponent = Needham
	Roadway reconstruction program	606635	Boston Region	Multiple	NEEDHAM-NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUT 9 (NEWTON)	6	STP	\$ 4,851,064	\$ 3,880,851	\$ 970,213	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 1 of 2; MPO Evaluation Score = 75
Regionally Prioritized Projects subtotal ▶								<b>\$ 6,176,706</b>	<b>\$ 5,280,295</b>	<b>\$ 896,411</b>	◀ 80% Federal + 20% Non-Federal

### ▶ Section 1A / Fiscal Constraint Analysis

	Total Regional Federal Aid Funds Programmed ▶	\$ 98,754,989	\$ 98,794,261	Total Budget	\$ 39,272	Target Funds Available
STP programmed ▶	\$ 61,376,260	\$ 80,826,690	◀ Max STP	\$ 19,450,430	STP available	
HSIP programmed ▶	\$ 6,984,151	\$ 4,296,710	◀ Min. HSIP	\$ (2,687,441)	HSIP recommended met	
CMAQ programmed ▶	\$ 20,905,547	\$ 10,741,776	◀ Min. CMAQ	\$ (10,163,771)	CMAQ recommended met	
TAP programmed ▶	\$ 9,489,031	\$ 2,929,085	◀ Min. TAP	\$ (6,559,946)	TAP amount exceeded!	
<b>Remaining HSIP, CMAQ, and TAP Funds</b>		<b>\$ 39,272</b>				

**Section 1A Instructions:** MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculate. Please verify the amount and only change if needed for flex. Column K) Non-federal funds autocalculate. Please verify the split/match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do not use any other format.

### ▶ Section 1B / Earmark or Discretionary Grant Funded Projects

▶ Other Federal Aid											
Earmark Discretionary	MassDOT Project ID	Metropolitan Planning Organization	Municipality Name	MassDOT Project Description	MassDOT District	Funding Source	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information	
Earmark Discretionary	605789	Boston Region	Boston	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP	\$ 5,007,375	\$ 4,005,900	\$ 1,001,475	Construction; HPP 4284 (MA203); STP+Earmarks Total Cost = \$24,792,845	
Earmark Discretionary	605789	Boston Region	Boston	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP	\$ 2,703,983	\$ 2,163,186	\$ 540,797	Construction; HPP 756 (MA126); STP+Earmarks Total Cost = \$24,792,845	
Earmark Discretionary	605789	Boston Region	Boston	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP	\$ 6,259,219	\$ 5,007,375	\$ 1,251,844	Construction; (MA154); STP+Earmarks Total Cost = \$24,792,845	
Earmark Discretionary	605789	Boston Region	Boston	BOSTON- RECONSTRUCTION OF MELNEA CASS BOULEVARD	6	HPP	\$ 3,473,764	\$ 2,779,011	\$ 694,753	Construction; (MA194); STP+Earmarks Total Cost = \$24,792,845	
Earmark Discretionary	607330	Boston Region	Milton	MILTON- DECK RECONSTRUCTION OVER SE EXPRESSWAY (EAST MILTON SQUARE), INCLUDES PARKING & NEW LANDSCAPED AREA	4	HPP	\$ 1,502,213	\$ 1,201,770	\$ 300,443	Construction; (MA125)	
Earmark Discretionary	607330	Boston Region	Milton	MILTON- DECK RECONSTRUCTION OVER SE EXPRESSWAY (EAST MILTON SQUARE), INCLUDES PARKING & NEW LANDSCAPED AREA	4	HPP	\$ 1,251,844	\$ 1,001,475	\$ 250,369	Construction; (MA134)	
Earmark Discretionary	606316	Boston Region	Brookline	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	6	HPP	\$ 751,106	\$ 600,885	\$ 150,221	Demo ID: MA 149 Repurposed earmark, formerly design and construct signal crossing and other safety improvements to Emerald Necklace Greenway Bicycle Trail, Town of Brookline	
Other Federal Aid subtotal ▶							<b>\$ 20,949,502</b>	<b>\$ 16,759,602</b>	<b>\$ 4,189,900</b>	◀ Funding Split Varies by Funding Source	

## 2019 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Section 2A / State Prioritized Reliability Projects</b>											
<b>► Bridge Program / Inspections</b>											
	Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / Off-System</b>											
	Bridge Program	608079	Boston Region	Sharon	SHARON- BRIDGE REPLACEMENT, S-09-003 (40N), MASKWONICUT STREET OVER AMTRAK/MBTA	5	STP-BR-OFF	\$ 5,219,900	\$ 4,175,920	\$ 1,043,980	Construction
	Bridge Program	608255	Boston Region	Stow	STOW- BRIDGE REPLACEMENT, S-29-011, BOX MILL ROAD OVER ELIZABETH BROOK	3	STP-BR-OFF	\$ 1,482,000	\$ 1,185,600	\$ 296,400	Construction
Bridge Program / Off-System subtotal ►								\$ 6,701,900	\$ 5,361,520	\$ 1,340,380	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / On-System (NHS)</b>											
	Bridge Program	604173	Boston Region	Boston	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 42,000,000	\$ 33,600,000	\$ 8,400,000	AC Year 3 of 5, Total Cost \$144,066,616
Bridge Program / On-System (NHS) subtotal ►								\$ 42,000,000	\$ 33,600,000	\$ 8,400,000	◀ Funding Split Varies by Funding Source
<b>► Bridge Program / On-System (Non-NHS)</b>											
	Bridge Program	Project #	MPO	N/A	Description	District	NHPP-Off	\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / Systematic Maintenance</b>											
	Bridge Program	608234	Boston Region	Multiple	BOSTON- RANDOLPH- BRIDGE PRESERVATION OF 3 BRIDGES: B-16-165, R-01-005 & R-01-007	6	NHPP-On	\$ 2,303,571	\$ 1,842,857	\$ 460,714	Construction
Bridge Program / Systematic Maintenance subtotal ►								\$ 2,303,571	\$ 1,842,857	\$ 460,714	◀ Funding Split Varies by Funding Source
<b>► Interstate Pavement</b>											
	Interstate Pavement	608219	Boston Region	Multiple	READING- WAKEFIELD- INTERSTATE MAINTENANCE AND RELATED WORK ON I-95	4	NHPP	\$ 4,123,392	\$ 3,711,053	\$ 412,339	Construction
Interstate Pavement subtotal ►								\$ 4,123,392	\$ 3,711,053	\$ 412,339	◀ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	Non-Interstate Pavement	608467	Boston Region	Marlborough	MARLBOROUGH- RESURFACING AND RELATED WORK ON ROUTE 20	3	NHPP	\$ 9,940,320	\$ 7,952,256	\$ 1,988,064	Construction
	Non-Interstate Pavement	608468	Boston Region	Multiple	PEABODY- DANVERS- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 11,597,040	\$ 9,277,632	\$ 2,319,408	Construction
	Non-Interstate Pavement	608528	Boston Region	Multiple	WESTON- WALTHAM- RESURFACING AND RELATED WORK ON ROUTE 20	4	NHPP	\$ 12,026,560	\$ 9,621,248	\$ 2,405,312	Construction
	Non-Interstate Pavement	608587	Boston Region	Dedham	DEDHAM- RECONSTRUCTION & RELATED WORK OF BRIDGE STREET (ROUTE 109) AND AMES STREET	6	NHPP	\$ 5,424,717	\$ 4,339,774	\$ 1,084,943	Construction
Non-Interstate Pavement subtotal ►								\$ 38,988,637	\$ 31,190,910	\$ 7,797,727	◀ 80% Federal + 20% Non-Federal



## 2019 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
<b>► Roadway Improvements</b>											
Roadway Improvements		608214	Boston Region	Winchester	WINCHESTER- STORMWATER IMPROVEMENTS ALONG ROUTE 3	4	STP	\$ 232,960	\$ 186,368	\$ 46,592	Construction
Roadway Improvements		608599	Boston Region	Multiple	CANTON- SHARON- FOXBOROUGH- NORWOOD-WALPOLE- STORMWATER IMPROVEMENTS ALONG ROUTE 1, ROUTE 1A & INTERSTATE 95	5	STP	\$ 526,235	\$ 420,988	\$ 105,247	Construction
<b>Roadway Improvements subtotal ►</b>								<b>\$ 759,195</b>	<b>\$ 607,356</b>	<b>\$ 151,839</b>	<b>◀ 80% Federal + 20% Non-Federal</b>
<b>► Safety Improvements</b>											
Safety Improvements		608608	Boston Region	Braintree	BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE	6	STP	\$ 7,008,503	\$ 5,606,802	\$ 1,401,701	Construction / Total Project Cost \$9,697,229 / AC YR 1 of 2
Safety Improvements		608205	Boston Region	Multiple	READING TO LYNNFIELD- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF I-95 (SR 128)	4	HSIP	\$ 4,513,288	\$ 4,061,959	\$ 451,329	Construction
Safety Improvements		608206	Boston Region	Multiple	CHELSEA TO DANVERS- GUIDE AND TRAFFIC SIGN REPLACEMENT ON A SECTION OF US ROUTE 1	4	HSIP	\$ 7,195,084	\$ 6,475,576	\$ 719,508	Construction
<b>Safety Improvements subtotal ►</b>								<b>\$ 18,716,875</b>	<b>\$ 16,144,337</b>	<b>\$ 2,572,538</b>	<b>◀ Funding Split Varies by Funding Source</b>
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
ADA Retrofits		Project #	Statewide	Multiple	Description	1	STP	\$ -	\$ -	\$ -	
<b>ADA Retrofits subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>◀ 80% Federal + 20% Non-Federal</b>
<b>► Intersection Improvements</b>											
Intersection Improvements		607759	Boston Region	Boston	BOSTON- INTERSECTION & SIGNAL IMPROVEMENTS AT THE VFW PARKWAY & SPRING STREET	6	HSIP	\$ 974,815	\$ 877,334	\$ 97,482	Construction / PSAC score 39
Intersection Improvements		607763	Boston Region	Milton	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS AT 2 LOCATIONS: SR 138 (BLUE HILL AVENUE) AT ATHERTON STREET & BRADLEE ROAD AND SR 138 (BLUE HILL AVENUE) AT MILTON STREET & DOLLAR LANE	6	HSIP	\$ 1,188,000	\$ 1,069,200	\$ 118,800	Construction / PSAC score 44
Intersection Improvements		608052	Boston Region	Norwood	NORWOOD- INTERSECTION & SIGNAL IMPROVEMENTS AT US 1 (PROVIDENCE HIGHWAY) & MORSE STREET	5	HSIP	\$ 974,815	\$ 877,334	\$ 97,482	Construction / PSAC score 50
Intersection Improvements		607748	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS ON SR 2 & SR 111 (MASSACHUSETTS AVENUE) AT PIPER ROAD & TAYLOR ROAD	3	HSIP	\$ 1,400,000	\$ 1,260,000	\$ 140,000	Construction / PSAC score 58
Intersection Improvements		608755	Boston Region	Boston	BOSTON- INTERSECTION IMPROVEMENTS AT MORTON STREET AND HARVARD STREET	6	HSIP	\$ 1,500,000	\$ 1,350,000	\$ 150,000	Construction
Intersection Improvements		607761	Boston Region	Swampscott	SWAMPSCOTT- INTERSECTION & SIGNAL IMPROVEMENTS AT SR 1A (PARADISE ROAD) AT SWAMPSCOTT MALL	4	HSIP	\$ 2,000,000	\$ 1,800,000	\$ 200,000	Construction / PSAC score 50
<b>Intersection Improvements subtotal ►</b>								<b>\$ 8,037,630</b>	<b>\$ 7,233,867</b>	<b>\$ 803,763</b>	<b>◀ Funding Split Varies by Funding Source</b>

# 2019 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
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► Intelligent Transportation Systems											
	Intelligent Transportation Systems	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Roadway Reconstruction											
	Roadway Reconstruction	Project #	MPO	N/A	Description	District	CMAQ	\$ -	\$ -	\$ -	
Roadway Reconstruction subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

## ► Section 2C / State Prioritized Expansion Projects

► Bicycles and Pedestrians											
	Bicycles and Pedestrians	607888	Boston Region	Multiple	BOSTON- BROOKLINE- MULTI-USE PATH CONSTRUCTION ON NEW FENWAY	6	CMAQ	\$ 1,770,722	\$ 1,416,578	\$ 354,144	Construction / PSAC score 41
	Bicycles and Pedestrians	606223	Boston Region	Multiple	ACTON- CONCORD- BRUCE FREEMAN RAIL TRAIL CONSTRUCTION, INCLUDES REPLACING BRIDGE C-19-037, RAIL TRAIL OVER NASHOBA BROOK, NEW BRIDGE C-19-039, RAIL TRAIL OVER ROUTE 2 & NEW CULVERT C-19-040, ROUTE 2 OVER WILDLIFE CROSSING (PHASE II-B)	4	CMAQ	\$ 9,495,746	\$ 7,596,597	\$ 1,899,149	Construction / PSAC score 31.5
	Bicycles and Pedestrians	606316	Boston Region	Brookline	BROOKLINE- PEDESTRIAN BRIDGE REHABILITATION, B-27-016, OVER MBTA OFF CARLTON STREET	6	CMAQ	\$ 3,087,238	\$ 2,469,790	\$ 617,448	Construction / Total Project Cost \$3,838,344 w/ additional funding from earmark at \$751,106
Bicycles and Pedestrians subtotal ►								\$ 11,266,468	\$ 9,013,174	\$ 2,253,294	◀ 80% Federal + 20% Non-Federal

► Capacity											
	Capacity	Project #	MPO	Municipalities	Description	District	CMAQ	\$ -	\$ -	\$ -	
Capacity subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## ► Section 3 / Planning / Adjustments / Pass-throughs

► Planning / Adjustments / Pass-throughs											
	Planning / Adjustments / Pass-throughs	Project #	Statewide	Multiple	ABP GANS Repayment	Multiple	NHPP	\$ -	\$ -	\$ -	
	Earmark Discretionary	BN0008	Boston Region	Newburyport	Parker River National Wildlife Refuge - Replace Helicat Trail Boardwalk	4	Other FA	\$ 1,200,000	\$ 960,000	\$ 240,000	Transfer to Eastern Federal Lands
Other Statewide Items subtotal ►								\$ 1,200,000	\$ 960,000	\$ 240,000	◀ Funding Split Varies by Funding Source

## ► Section 4 / Non-Federally Aided Projects

► Non-Federally Aided Projects											
	Non Federal Aid	Project #	MPO	Municipalities	Description	District	NFA	\$ -	\$ -	\$ -	
Non-Federal Aid subtotal ►								\$ -	\$ -	\$ -	◀ 100% Non-Federal

## 2019 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►	\$ 161,223,876	\$ -	\$ 161,223,876	◀ Total Spending in Region
Federal Funds ►	\$ 131,704,971	\$ -	\$ 131,704,971	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 29,518,906	\$ -	\$ 29,518,906	◀ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

**Transportation Improvement Program (TIP)  
Project List (FY2019)**

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
<b>5307</b>										
	5307 RTD0005466	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2017 - \$92,000; 2018 - \$450,000	\$542,000	\$0	\$0	\$135,500	\$677,500
	5307 RTD0005470	Cape Ann Transportation Authority	114206	ACQUIRE - SHOP EQ/COMPUTER/SFTWR	2018 - \$44,000	\$44,000	\$11,000	\$0	\$0	\$55,000
	5307 RTD0005471	Cape Ann Transportation Authority	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2018 - \$30,055	\$30,055	\$7,514	\$0	\$0	\$37,569
				TERMINAL, INTERMODAL (TRANSIT): Facil.						
	5307 RTD0005993	MetroWest Regional Transit Authority	113303	Improvements	2018 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
	5307 RTD0005994	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV	2018 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
				ACQUISITION OF BUS SUPPORT						
	5307 RTD0005995	MetroWest Regional Transit Authority	114200	EQUIP/FACILITIES	2018 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
	5307 RTD0005996	MetroWest Regional Transit Authority	440000	Mobility Management	2018 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
		Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle Program		\$112,000,000	\$0	\$0	\$28,000,000	\$140,000,000
	5307 RTD0006356	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program		\$31,445,210	\$0	\$0	\$7,861,303	\$39,306,513
	5307 RTD0006357	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program		\$145,784,680	\$449,368	\$0	\$35,996,803	\$182,230,851
				Subtotal		\$145,784,680	\$449,368	\$0	\$35,996,803	\$182,230,851
<b>5309</b>										
	5309 RTD0005979	Massachusetts Bay Transportation Authority (MBTA)	132303	Green Line Extension Project		\$150,000,000	\$0	\$0	\$147,848,038	\$297,848,038
				Subtotal		\$150,000,000	\$0	\$0	\$147,848,038	\$297,848,038
<b>5310</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
<b>5311</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
<b>5337</b>										
	5337 RTD0006358	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program		\$136,853,672	\$0	\$0	\$34,213,418	\$171,067,090
	5337 RTD0006359	Massachusetts Bay Transportation Authority (MBTA)	124400	System Upgrades Program	2018 - \$8,000,000	\$8,000,000	\$0	\$0	\$2,000,000	\$10,000,000
				Subtotal		\$144,853,672	\$0	\$0	\$36,213,418	\$181,067,090
<b>5339</b>										
	5339 RTD0006360	Massachusetts Bay Transportation Authority (MBTA)	111400	Bus Program		\$5,434,322	\$0	\$0	\$1,358,581	\$6,792,903
				Subtotal		\$5,434,322	\$0	\$0	\$1,358,581	\$6,792,903
<b>5320</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
<b>Other Federal</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
<b>Other Non-Federal</b>										
Other Non-Federal	RTD0006089	Cape Ann Transportation Authority	111209	BUY REPLACEMENT TROLLEY BUS		\$0	\$900,000	\$0	\$0	\$900,000
				Subtotal		\$0	\$900,000	\$0	\$0	\$900,000
				Total		\$446,072,674	\$1,349,368	\$0	\$221,416,840	\$668,838,882

Funds listed under the Carry Over column are included in the Federal Amount

# 2020 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
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**► Section 1A / Regionally Prioritized Projects**

**► Regionally Prioritized Projects**

	Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 13,427,220	\$ 10,741,776	\$ 2,685,444	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 5 of 6; funding flexed to FTA; match provided by local contributions
	Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	STP	\$ 21,872,780	\$ 17,498,224	\$ 4,374,556	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 5 of 6; funding flexed to FTA; match provided by local contributions
	Roadway reconstruction program	604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; STP+CMAQ+TAP Total Cost = \$14,636,338; MPO Evaluation Score = 54
	Roadway reconstruction program	604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	TAP	\$ 2,106,481	\$ 1,685,185	\$ 421,296	Construction; STP+CMAQ+TAP Total Cost = \$14,636,338; MPO Evaluation Score = 54; TAP project proponent = Ashland
	Roadway reconstruction program	604123	Boston Region	Ashland	ASHLAND- RECONSTRUCTION ON ROUTE 126 (POND STREET), FROM THE FRAMINGHAM T.L. TO THE HOLLISTON T.L.	3	STP	\$ 11,529,857	\$ 9,223,886	\$ 2,305,971	Construction; STP+CMAQ+TAP Total Cost = \$14,636,338; MPO Evaluation Score = 54
	Roadway reconstruction program	602077	Boston Region	Lynn	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+STP Total Cost = \$4,755,714; MPO Evaluation Score = 38
	Roadway reconstruction program	602077	Boston Region	Lynn	LYNN- RECONSTRUCTION ON ROUTE 129 (LYNNFIELD STREET), FROM GREAT WOODS ROAD TO WYOMA SQUARE	4	STP	\$ 3,755,714	\$ 3,004,571	\$ 751,143	Construction; CMAQ+STP Total Cost = \$4,755,714; MPO Evaluation Score = 38
	Roadway reconstruction program	602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; STP+CMAQ+TAP Total Cost = \$17,390,216; MPO Evaluation Score = 51
	Roadway reconstruction program	602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	TAP	\$ 1,858,437	\$ 1,486,750	\$ 371,687	Construction; STP+CMAQ+TAP Total Cost = \$17,390,216; MPO Evaluation Score = 51; TAP project proponent = Walpole
	Roadway reconstruction program	602261	Boston Region	Walpole	WALPOLE- RECONSTRUCTION ON ROUTE 1A (MAIN STREET), FROM THE NORWOOD T.L. TO ROUTE 27, INCLUDES W-03-024 OVER THE NEPONSET RIVER	5	STP	\$ 14,531,779	\$ 11,625,423	\$ 2,906,356	Construction; STP+CMAQ+TAP Total Cost = \$17,390,216; MPO Evaluation Score = 51
	Roadway reconstruction program	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MPO Evaluation Score = 58
	Roadway reconstruction program	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	TAP	\$ 812,432	\$ 649,946	\$ 162,486	Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MPO Evaluation Score = 58; TAP project proponent = Boston
	Roadway reconstruction program	606453	Boston Region	Boston	BOSTON- IMPROVEMENTS ON BOYLSTON STREET, FROM INTERSECTION OF BROOKLINE AVENUE & PARK DRIVE TO IPSWICH STREET	6	STP	\$ 6,401,887	\$ 5,121,510	\$ 1,280,377	Construction; CMAQ+TAP+STP Total Cost = \$8,214,319; MPO Evaluation Score = 58

## 2020 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
	Roadway reconstruction program	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 7,000,000	\$ 5,600,000	\$ 1,400,000	Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 1 of 5; Total funding in this TIP = \$76,626,515
	Roadway reconstruction program	606635	Boston Region	Multiple	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	HSIP	\$ 2,319,644	\$ 2,087,680	\$ 231,964	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 2 of 2; MPO Evaluation Score = 75
	Roadway reconstruction program	606635	Boston Region	Multiple	NEEDHAM- NEWTON- RECONSTRUCTION OF HIGHLAND AVENUE, NEEDHAM STREET & CHARLES RIVER BRIDGE, N-04-002, FROM WEBSTER STREET (NEEDHAM) TO ROUTE 9 (NEWTON)	6	STP	\$ 8,397,556	\$ 6,718,045	\$ 1,679,511	Construction; CMAQ+HSIP+TAP+STP Total Cost = \$21,434,400; AC Yr 2 of 2; MPO Evaluation Score = 75
Regionally Prioritized Projects subtotal ▶								<b>\$ 98,013,787</b>	\$ 78,642,994	\$ 19,370,793	◀ 80% Federal + 20% Non-Federal

### ▶ Section 1A / Fiscal Constraint Analysis

**Section 1A Instructions:** MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; **Column C)** Enter ID from ProjectInfo; **Column E)** Choose Municipality Name from dropdown list; **Column H)** Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; **Column I)** Enter the total amount of funds being programmed in this fiscal year and for each funding source; **Column J)** Federal funds autocalculates. Please verify the amount and only change if needed for flex. **Column K)** Non-federal funds autocalculates. Please verify the split/match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; **Column L)** Enter Additional Information as described - please do not use any other format.

<b>Total Regional Federal Aid Funds Programmed ▶</b>		<b>\$ 98,013,787</b>	<b>\$ 98,029,447</b>	<b>◀ Total Budget \$ 15,660</b>	<b>Target Funds Available</b>
STP programmed ▶	\$ 73,489,573	\$ 80,061,875	◀ Max STP	\$ 6,572,302	STP available
HSIP programmed ▶	\$ 2,319,644	\$ 4,296,710	◀ Min. HSIP	\$ 1,977,066	HSIP recommended not met
CMAQ programmed ▶	\$ 17,427,220	\$ 10,741,776	◀ Min. CMAQ	\$ (6,685,444)	CMAQ recommended met
TAP programmed ▶	\$ 4,777,350	\$ 2,929,085	◀ Min. TAP	\$ (1,848,265)	TAP amount exceeded!
<b>Remaining HSIP, CMAQ, and TAP Funds \$</b>		<b>15,660</b>			

### ▶ Section 1B / Earmark or Discretionary Grant Funded Projects

▶ Other Federal Aid											
Earmark Discretionary	Project #	Boston	Municipalities	Description	District	HPP	\$ -	\$ -	\$ -	\$ -	
Earmark Discretionary	Project #	Boston	Municipalities	Description	District	HPP	\$ -	\$ -	\$ -	\$ -	
Other Federal Aid subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

### ▶ Section 2A / State Prioritized Reliability Projects

▶ Bridge Program / Inspections											
Bridge Program	Project #	N/A	Multiple	Description	Multiple	NHPP	\$ -	\$ -	\$ -	\$ -	
Bridge Program	Project #	N/A	Multiple	Description	Multiple	NHPP	\$ -	\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ▶								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source
▶ Bridge Program / Off-System											
Bridge Program	Project #	MPO	N/A	Description	District	STP-BR-OFF	\$ -	\$ -	\$ -	\$ -	
Bridge Program	Project #	MPO	N/A	Description	District	STP-BR-OFF	\$ -	\$ -	\$ -	\$ -	
Bridge Program / Off-System subtotal ▶								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

▶ Bridge Program / On-System (NHS)											
Bridge Program	Project #	Boston Region	Stow	Description	3	NHPP-On	\$ 6,706,560	\$ 5,365,248	\$ 1,341,312	Construction	
Bridge Program	605342	Boston Region	Stow	STOW- BRIDGE REPLACEMENT, S-29-001, (ST 62) GLEASONDALE ROAD OVER THE ASSABET RIVER	3	NHPP-On	\$ 6,706,560	\$ 5,365,248	\$ 1,341,312	Construction	
Bridge Program	608614	Boston Region	Boston	BOSTON- BRIDGE PRESERVATION, B-16-179, AUSTIN STREET OVER I-93 RAMP, MBTA COMMUTER RAIL AND ORANGE LINE	6	NHPP-On	\$ 20,606,400	\$ 16,485,120	\$ 4,121,280	Construction	
Bridge Program	604173	Boston Region	Boston	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 35,000,000	\$ 28,000,000	\$ 7,000,000	Construction / AC Year 4 of 5, Total Cost \$144,066,616	
Bridge Program / On-System (NHS) subtotal ▶								<b>\$ 62,312,960</b>	\$ 49,850,368	\$ 12,462,592	◀ Funding Split Varies by Funding Source

## 2020 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Bridge Program / On-System (Non-NHS)</b>											
	Bridge Program	608009	Boston Region	Boxborough	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495	3	NHPP-Off	\$ 9,147,500	\$ 7,318,000	\$ 1,829,500	AC Year 1 of 2, Total Cost \$14,295,000
Bridge Program / On-System (Non-NHS) subtotal ►								\$ 9,147,500	\$ 7,318,000	\$ 1,829,500	◀ 80% Federal + 20% Non-Federal
<b>► Bridge Program / Systematic Maintenance</b>											
	Bridge Program	608596	Boston Region	Essex	ESSEX- SUPERSTRUCTURE REPLACEMENT, E-11-001 (2TV), ROUTE 133MAIN STREET OVER ESSEX RIVER	4	NHPP-Off	\$ 2,400,000	\$ 1,920,000	\$ 480,000	
Bridge Program / Systematic Maintenance subtotal ►								\$ 2,400,000	\$ 1,920,000	\$ 480,000	◀ Funding Split Varies by Funding Source
<b>► Interstate Pavement</b>											
	Interstate Pavement	608208	Boston Region	Multiple	QUINCY- MILTON- BOSTON- INTERSTATE MAINTENANCE & RELATED WORK ON I-93	6	NHPP	\$ 24,264,576	\$ 21,838,118	\$ 2,426,458	Construction / Includes \$540,000 of stormwater improvements
Interstate Pavement subtotal ►								\$ 24,264,576	\$ 21,838,118	\$ 2,426,458	◀ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	Non-Interstate Pavement	608480	Boston Region	Multiple	FOXBOROUGH- WALPOLE- RESURFACING AND RELATED WORK ON ROUTE 1	5	NHPP	\$ 8,063,129	\$ 6,450,503	\$ 1,612,626	Construction
	Non-Interstate Pavement	608484	Boston Region	Multiple	CANTON- MILTON- RESURFACING AND RELATED WORK ON ROUTE 138	6	NHPP	\$ 15,343,776	\$ 12,275,021	\$ 3,068,755	Construction
	Non-Interstate Pavement	608482	Boston Region	Multiple	CAMBRIDGE- SOMERVILLE- RESURFACING AND RELATED WORK ON ROUTE 28	6	NHPP	\$ 7,761,096	\$ 6,208,877	\$ 1,552,219	Construction
Non-Interstate Pavement subtotal ►								\$ 31,168,001	\$ 24,934,401	\$ 6,233,600	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	Roadway Improvements	Project #	MPO	N/A	Description	District	STP	\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Safety Improvements</b>											
	Safety Improvements	608608	Boston Region	Braintree	BRAINTREE- HIGHWAY LIGHTING IMPROVEMENTS AT I-93/ROUTE 3 INTERCHANGE	6	STP	\$ 2,688,726	\$ 2,150,981	\$ 537,745	Construction / Total Project Cost \$9,697,229 / AC YR 2 of 2
	Safety Improvements	608611	Boston Region	Multiple	CANTON- MILTON- RANDOLPH- REPLACEMENT AND REHABILITATION OF THE HIGHWAY LIGHTING SYSTEM AT THE ROUTE 24/ROUTE 1/I-93 INTERCHANGE	6	HSIP	\$ 9,434,070	\$ 8,490,663	\$ 943,407	Construction
Safety Improvements subtotal ►								\$ 12,122,796	\$ 10,641,644	\$ 1,481,152	◀ Funding Split Varies by Funding Source
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits	Project #	MPO	Municipalities	Description	District	STP	\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal
<b>► Intersection Improvements</b>											
	Intersection Improvements	608562	Boston Region	Somerville	SOMERVILLE- SIGNAL AND INTERSECTION IMPROVEMENT ON I-93 AT MYSTIC AVENUE AND MCGRATH HIGHWAY (TOP 200 CRASH LOCATION)	4	HSIP	\$ 2,688,000	\$ 2,419,200	\$ 268,800	Construction / PSAC score 68
	Intersection Improvements	608564	Boston Region	Watertown	WATERTOWN- INTERSECTION IMPROVEMENTS AT ROUTE 16 AND GALEN STREET	6	HSIP	\$ 2,688,000	\$ 2,419,200	\$ 268,800	Construction / PSAC score 56
Intersection Improvements subtotal ►								\$ 5,376,000	\$ 4,838,400	\$ 537,600	◀ Funding Split Varies by Funding Source
<b>► Intelligent Transportation Systems</b>											
	Intelligent Transportation Systems	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

## 2020 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
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► Roadway Reconstruction											
Roadway Reconstruction	608835	Boston Region	Medford	MEDFORD- IMPROVEMENTS AT BROOKS ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 1,200,000	\$ 960,000	\$ 240,000	Construction / TAP project proponent is Medford	
Roadway Reconstruction	608743	Boston Region	Salem	SALEM- IMPROVEMENTS AT BATES ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 937,500	\$ 750,000	\$ 187,500	Construction / TAP project proponent is Salem	
Roadway Reconstruction	608829	Boston Region	Stoughton	STOUGHTON - IMPROVEMENTS AT WEST ELEMENTARY SCHOOL (SRTS)	5	TAP	\$ 2,226,600	\$ 1,781,280	\$ 445,320	Construction / TAP project proponent is Stoughton	
Roadway Reconstruction	608791	Boston Region	Winchester	WINCHESTER- IMPROVEMENTS AT VINSON-OWEN ELEMENTARY SCHOOL (SRTS)	4	TAP	\$ 1,666,200	\$ 1,332,960	\$ 333,240	Construction / TAP project proponent is Winchester	
Roadway Reconstruction	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NHPP	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction / Total Project Cost = \$270,000,000 / AC YR 1 of 6 / PSAC score 49	
Roadway Reconstruction subtotal ►							<b>\$ 7,030,300</b>	<b>\$ 5,624,240</b>	<b>\$ 1,406,060</b>	◀ 80% Federal + 20% Non-Federal	

### ► Section 2C / State Prioritized Expansion Projects

► Bicycles and Pedestrians											
Bicycles and Pedestrians	Project #	MPO	N/A	Description	District	CMAQ	\$ -	\$ -	\$ -		
Bicycles and Pedestrians subtotal ►							<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal	

### ► Capacity

Capacity	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$ -	\$ -		
Capacity subtotal ►							<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ Funding Split Varies by Funding Source	

### ► Section 3 / Planning / Adjustments / Pass-throughs

► Planning / Adjustments / Pass-throughs											
Planning / Adjustments / Pass-throughs	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$ -	\$ -	\$ -		
Other Statewide Items subtotal ►							<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ Funding Split Varies by Funding Source	

### ► Section 4 / Non-Federally Aided Projects

► Non-Federally Aided Projects											
Non Federal Aid	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFA	\$ 18,112,483		\$ 18,112,483	Construction / Total Project Cost = \$270,000,000 / AC YR 1 of 6 / PSAC score 49	
Non-Federal Aid subtotal ►							<b>\$ 18,112,483</b>		<b>\$ 18,112,483</b>	◀ 100% Non-Federal	

2020 Summary				TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼		
Total	►	\$ 251,835,920	\$ 18,112,483	\$ 269,948,403	◀ Total Spending in Region			
Federal Funds	►	\$ 205,608,165		\$ 205,608,165	◀ Total Federal Spending in Region			
Non-Federal Funds	►	\$ 46,227,755	\$ 18,112,483	\$ 64,340,238	◀ Total Non-Federal Spending in Region			

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

**Transportation Improvement Program (TIP)  
Project List (FY2020)**

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
<b>5307</b>										
	5307 RTD0005472	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2019 - \$350,000	\$350,000	\$0	\$0	\$87,500	\$437,500
	5307 RTD0005477	Cape Ann Transportation Authority	114206	ACQUIRE - SHOP EQ/COMP/SFTWR	2019 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$50,000
	5307 RTD0005478	Cape Ann Transportation Authority	114220	ACQUIRE - MISC SUPPORT EQUIPMENT	2019 - \$11,296	\$11,296	\$2,824	\$0	\$0	\$14,120
	5307 RTD0005997	MetroWest Regional Transit Authority	114200	EQUIP/FACILITIES	2019 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
	5307 RTD0005998	MetroWest Regional Transit Authority	440000	Mobility Management	2019 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
	5307 RTD0005999	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV	2019 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
	5307 RTD0006000	MetroWest Regional Transit Authority	113303	TERMINAL, INTERMODAL (TRANSIT)	2019 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
	5307 RTD0006361	Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle Program		\$40,000,000	\$0	\$0	\$10,000,000	\$50,000,000
	5307 RTD0006362	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program		\$44,000,000	\$0	\$0	\$11,000,000	\$55,000,000
	5307 RTD0006363	Massachusetts Bay Transportation Authority (MBTA)	126301	Systemwide Signals Program		\$61,840,976	\$0	\$0	\$15,460,244	\$77,301,220
Subtotal						\$147,965,687	\$443,678	\$0	\$36,547,744	\$184,957,109
<b>5309</b>										
	5309 RTD0005987	Massachusetts Bay Transportation Authority (MBTA)	132303	Green Line Extension Project		\$150,000,000	\$0	\$0	\$147,848,038	\$297,848,038
Subtotal						\$150,000,000	\$0	\$0	\$147,848,038	\$297,848,038
<b>5310</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
<b>5311</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
<b>5337</b>										
	5337 RTD0006364	Massachusetts Bay Transportation Authority (MBTA)	122405	Bridge & Tunnel Program		\$24,000,000	\$0	\$0	\$6,000,000	\$30,000,000
	5337 RTD0006365	Massachusetts Bay Transportation Authority (MBTA)	123402	Elevator Program		\$48,000,000	\$0	\$0	\$12,000,000	\$60,000,000
	5337 RTD0006366	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program		\$47,347,989	\$0	\$0	\$11,836,997	\$59,184,986
	5337 RTD0006367	Massachusetts Bay Transportation Authority (MBTA)	124400	System Upgrades Program		\$28,000,000	\$0	\$0	\$7,000,000	\$35,000,000
Subtotal						\$147,347,989	\$0	\$0	\$36,836,997	\$184,184,986
<b>5339</b>										
	5339 RTD0006368	Massachusetts Bay Transportation Authority (MBTA)	111400	Bus Program		\$5,552,214	\$0	\$0	\$1,388,053	\$6,940,267
Subtotal						\$5,552,214	\$0	\$0	\$1,388,053	\$6,940,267
<b>5320</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
<b>Other Federal</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
<b>Other Non-Federal</b>										
Subtotal						\$0	\$0	\$0	\$0	\$0
Total						\$450,865,890	\$443,678	\$0	\$222,620,832	\$673,930,400

Funds listed under the Carry Over column are included in the Federal Amount



# 2021 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
<b>► Section 1A / Regionally Prioritized Projects</b>											
<b>► Regionally Prioritized Projects</b>											
Roadway reconstruction program	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	HSIP	\$ 1,509,587	\$ 1,358,628	\$ 150,959	Construction; STP+HSIP+TAP Total Cost = \$10,304,881; MPO Evaluation Score = 58	
Roadway reconstruction program	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	TAP	\$ 1,006,391	\$ 805,113	\$ 201,278	Construction; STP+HSIP+TAP Total Cost = \$10,304,881; MPO Evaluation Score = 58; TAP project proponent = Framingham	
Roadway reconstruction program	608228	Boston Region	Framingham	FRAMINGHAM- RECONSTRUCTION OF UNION AVENUE, FROM PROCTOR STREET TO MAIN STREET	3	STP	\$ 7,788,903	\$ 6,231,122	\$ 1,557,781	Construction; STP+HSIP+TAP Total Cost = \$10,304,881; MPO Evaluation Score = 58	
Intersection improvements program	606130	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROAD/WASHINGTON STREET & PROSPECT STREET/FULTON STREET	5	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+STP Total Cost = \$3,668,437; MPO Evaluation Score = 53	
Intersection improvements program	606130	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1A & UPLAND ROAD/WASHINGTON STREET & PROSPECT STREET/FULTON STREET	5	STP	\$ 2,668,437	\$ 2,134,750	\$ 533,687	Construction; CMAQ+STP Total Cost = \$3,668,437; MPO Evaluation Score = 53	
Planning / Adjustments / Pass-throughs	608347	Boston Region	Beverly	BEVERLY- INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 1A/97) @ DODGE STREET (ROUTE 1A), COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY STREET @ BALCH STREET & VETERANS MEMORIAL BRIDGE (ROUTE 1A) AT RANTOUL, CABOT, WATER & FRONT STREETS	4	HSIP	\$ 2,339,729	\$ 2,105,756	\$ 233,973	Construction; HSIP+CMAQ Total Cost = \$3,360,000; MPO Evaluation Score = 63	
Planning / Adjustments / Pass-throughs	608347	Boston Region	Beverly	BEVERLY- INTERSECTION IMPROVEMENTS @ 3 LOCATIONS: CABOT STREET (ROUTE 1A/97) @ DODGE STREET (ROUTE 1A), COUNTY WAY, LONGMEADOW ROAD & SCOTT STREET, MCKAY STREET @ BALCH STREET & VETERANS MEMORIAL BRIDGE (ROUTE 1A) AT RANTOUL, CABOT, WATER & FRONT STREETS	4	CMAQ	\$ 1,020,271	\$ 816,217	\$ 204,054	Construction; HSIP+CMAQ Total Cost = \$3,360,000; MPO Evaluation Score = 63	
Planning / Adjustments / Pass-throughs	BN0009	Boston Region	Multiple	COMMUNITY TRANSPORTATION PROGRAM	NA	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Planning, Design, or Construction; Set Aside for LRTP Clean Air and Mobility Program	
Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	CMAQ	\$ 10,000,000	\$ 8,000,000	\$ 2,000,000	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 6 of 6; funding flexed to FTA; match provided by local contributions	
Planning / Adjustments / Pass-throughs	1570	Boston Region	Multiple	GREEN LINE EXTENSION PROJECT- EXTENSION TO COLLEGE AVENUE WITH THE UNION SQUARE SPUR	6	STP	\$ 19,700,000	\$ 15,760,000	\$ 3,940,000	Construction; STP+CMAQ+Section 5309 (Transit) Total MPO Contribution = \$190,000,000; AC Yr 6 of 6; funding flexed to FTA; match provided by local contributions	
Roadway reconstruction program	606501	Boston Region	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	TAP	\$ 289,088	\$ 231,270	\$ 57,818	Construction; TAP+STP+Earmark Total Cost = \$2,890,880; MPO Evaluation Score = 45; TAP project proponent = Holbrook	
Roadway reconstruction program	606501	Boston Region	Holbrook	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	STP	\$ 1,074,542	\$ 859,634	\$ 214,908	Construction; TAP+STP+Earmark Total Cost = \$2,890,880; MPO Evaluation Score = 45	
Roadway reconstruction program	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	\$ 2,183,253	\$ 1,746,602	\$ 436,651	Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$76,626,515; TAP project proponent = Boston	

## 2021 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
	Roadway reconstruction program	606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 24,997,494	\$ 19,997,995	\$ 4,999,499	Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 2 of 5; Total funding in this TIP = \$76,626,515
	Bridge Program	604996	Boston Region	Woburn	WOBURN- BRIDGE REPLACEMENT, W-43-017, NEW BOSTON STREET OVER MBTA	4	STP	\$ 17,026,434	\$ 13,621,147	\$ 3,405,287	Construction; Total Cost = \$17,026,434; MPO Evaluation Score = 55
	Roadway reconstruction program	601607	Boston Region	Hull	HULL- RECONSTRUCTION OF ATLANTIC AVENUE AND RELATED WORK FROM NANTASKET AVENUE TO COHASSET TOWN LINE	5	STP	\$ 6,693,980	\$ 5,355,184	\$ 1,338,796	Construction; Total Cost = \$6,693,980; MPO Evaluation Score = 44
<b>Regionally Prioritized Projects subtotal ▶</b>								<b>\$ 100,298,109</b>	<b>\$ 80,623,419</b>	<b>\$ 19,674,690</b>	<b>◀ 80% Federal + 20% Non-Federal</b>

**▶ Section 1A / Fiscal Constraint Analysis**

<b>Total Regional Federal Aid Funds Programmed ▶</b>	<b>\$ 100,298,109</b>	<b>\$ 100,298,110</b>	<b>◀ Total Budget</b>	<b>\$ 1</b>
STP programmed ▶	\$ 79,949,790	\$ 82,330,538	◀ Max STP	\$ 2,380,748
HSIP programmed ▶	\$ 3,849,316	\$ 4,296,710	◀ Min. HSIP	\$ 447,394
CMAQ programmed ▶	\$ 13,020,271	\$ 10,741,776	◀ Min. CMAQ	\$ (2,278,495)
TAP programmed ▶	\$ 3,478,732	\$ 2,929,085	◀ Min. TAP	\$ (549,647)
<b>Remaining HSIP, CMAQ, and TAP Funds</b>				
	\$	1		

*Section 1A instructions: MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculate. Please verify the amount and only change if needed for flex. Column K) Non-federal funds autocalculate. Please verify the split/match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do not use any other format.*

**▶ Section 1B / Earmark or Discretionary Grant Funded Projects**

**▶ Other Federal Aid**

Earmark Discretionary	Project ID	MPO	Municipalities	Description	District	NHPP	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
	606226	Boston Region	Municipalities	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	HPP	\$ 126,970	\$ 101,576	\$ 25,394	Demo ID MA183
	606226	Boston Region	Municipalities	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	HPP	\$ 8,451,960	\$ 6,761,568	\$ 1,690,392	Demo ID MA210
	606501	Boston Region	Municipalities	HOLBROOK- RECONSTRUCTION OF UNION STREET (ROUTE 139), FROM LINFIELD STREET TO CENTRE STREET/WATER STREET	5	HPP	\$ 1,527,250	\$ 1,221,800	\$ 305,450	Demo ID MA177
<b>Other Federal Aid subtotal ▶</b>							<b>\$ 10,106,180</b>	<b>\$ 8,084,944</b>	<b>\$ 2,021,236</b>	<b>◀ Funding Split Varies by Funding Source</b>

**▶ Section 2A / State Prioritized Reliability Projects**

**▶ Bridge Program / Inspections**

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
							\$ -	\$ -	\$ -	
<b>Bridge Program / Inspections subtotal ▶</b>							<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>◀ Funding Split Varies by Funding Source</b>

**▶ Bridge Program / Off-System**

Bridge Program	Project ID	MPO	Municipalities	Description	District	NHPP	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
	608637	Boston Region	Maynard	MAYNARD- BRIDGE REPLACEMENT, M-10-006, CARRYING FLORIDA ROAD OVER THE ASSABET RIVER	3	STP-BR-OFF	\$ 1,589,840	\$ 1,271,872	\$ 317,968	Construction
<b>Bridge Program / Off-System subtotal ▶</b>							<b>\$ 1,589,840</b>	<b>\$ 1,271,872</b>	<b>\$ 317,968</b>	<b>◀ 80% Federal + 20% Non-Federal</b>

**▶ Bridge Program / On-System (NHS)**

Bridge Program	Project ID	MPO	Municipalities	Description	District	NHPP	Total Programmed Funds	Federal Funds	Non-Federal Funds	Additional Information
	608703	Boston Region	Wilmington	WILMINGTON- BRIDGE REPLACEMENT, W-38-029 (2KV), ST 129 LOWELL STREET OVER I 93	4	NHPP-On	\$ 16,546,880	\$ 13,237,504	\$ 3,309,376	Construction
	607327	Boston Region	Wilmington	WILMINGTON- BRIDGE REPLACEMENT, W-38-002, ROUTE 38 (MAIN STREET) OVER THE B&M RAILROAD	4	NHPP-On	\$ 10,760,960	\$ 8,608,768	\$ 2,152,192	Construction
	604173	Boston Region	Boston	BOSTON- BRIDGE REPLACEMENT B-16-016, NORTH WASHINGTON STREET OVER THE BOSTON INNER HARBOR	6	NHPP-On	\$ 18,666,616	\$ 14,933,293	\$ 3,733,323	Construction / AC Year 5 of 5, Total Cost \$144,066,616
<b>Bridge Program / On-System (NHS) subtotal ▶</b>							<b>\$ 45,974,456</b>	<b>\$ 36,779,565</b>	<b>\$ 9,194,891</b>	<b>◀ Funding Split Varies by Funding Source</b>

## 2021 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <small><i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information</small>
<b>► Bridge Program / On-System (Non-NHS)</b>											
	Bridge Program	608522	Boston Region	Middleton	MIDDLETON- BRIDGE REPLACEMENT, M-20-003, ROUTE 62 (MAPLE STREET) OVER IPSWICH RIVER	4	NHPP-Off	\$ 3,933,440	\$ 3,146,752	\$ 786,688	Construction
	Bridge Program	608596	Boston Region	Essex	ESSEX- SUPERSTRUCTURE REPLACEMENT, E-11-001 (2TV), ROUTE 133/MAIN STREET OVER ESSEX RIVER	4	NHPP-Off	\$ 4,028,000	\$ 3,222,400	\$ 805,600	Construction
	Bridge Program	608009	Boston Region	Boxborough	BOXBOROUGH- BRIDGE REPLACEMENT, B-18-002, ROUTE 111 OVER I-495	3	NHPP-Off	\$ 5,147,500	\$ 4,118,000	\$ 1,029,500	Construction / AC Year 2 of 2, Total Cost \$14,295,000
<b>Bridge Program / On-System (Non-NHS) subtotal ►</b>								<b>\$ 13,108,940</b>	<b>\$ 10,487,152</b>	<b>\$ 2,621,788</b>	<b>◄ 80% Federal + 20% Non-Federal</b>
<b>► Bridge Program / Systematic Maintenance</b>											
	Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP-On	\$ -	\$ -	\$ -	
<b>Bridge Program / Systematic Maintenance subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>◄ Funding Split Varies by Funding Source</b>
<b>► Interstate Pavement</b>											
	Interstate Pavement	Project #	MPO	Multiple	Description	District	NHPP	\$ -	\$ -	\$ -	
<b>Interstate Pavement subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>◄ 90% Federal + 10% Non-Federal</b>
<b>► Non-Interstate Pavement</b>											
	Non-Interstate Pavement	608493	Boston Region	Topsfield	TOPSFIELD- RESURFACING AND RELATED WORK ON ROUTE 1	4	NHPP	\$ 9,119,040	\$ 7,295,232	\$ 1,823,808	Construction
	Non-Interstate Pavement	608495	Boston Region	Multiple	CONCORD- LEXINGTON- LINCOLN- RESURFACING AND RELATED WORK ON ROUTE 2A	4	NHPP	\$ 3,171,840	\$ 2,537,472	\$ 634,368	Construction
	Non-Interstate Pavement	608498	Boston Region	Multiple	HINGHAM- WEMOUTH- BRAintree- RESURFACING AND RELATED WORK ON ROUTE 53	5	NHPP	\$ 7,929,600	\$ 6,343,680	\$ 1,585,920	Construction
<b>Non-Interstate Pavement subtotal ►</b>								<b>\$ 20,220,480</b>	<b>\$ 16,176,384</b>	<b>\$ 4,044,096</b>	<b>◄ 80% Federal + 20% Non-Federal</b>
<b>► Roadway Improvements</b>											
	Roadway Improvements	Project #	MPO	N/A	Description	District	STP	\$ -	\$ -	\$ -	
<b>Roadway Improvements subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>◄ 80% Federal + 20% Non-Federal</b>
<b>► Safety Improvements</b>											
	Safety Improvements	Project #	MPO	Multiple	Description	District	STP	\$ -	\$ -	\$ -	
<b>Safety Improvements subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>◄ Funding Split Varies by Funding Source</b>
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits	Project #	Statewide	Multiple	Description	4	STP	\$ -	\$ -	\$ -	
<b>ADA Retrofits subtotal ►</b>								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	<b>◄ 80% Federal + 20% Non-Federal</b>
<b>► Intersection Improvements</b>											
	Intersection Improvements	608566	Boston Region	Marlborough	MARLBOROUGH- IMPROVEMENTS AT ROUTE 20 (EAST MAIN STREET) AT CURTIS AVENUE	3	HSIP	\$ 2,784,000	\$ 2,505,600	\$ 278,400	Construction / PSAC score 51.5
	Intersection Improvements	608567	Boston Region	Peabody	PEABODY- IMPROVEMENTS AT ROUTE 114 AT SYLVAN STREET, CROSS STREET, NORTHSHORE MALL, LORIS ROAD, ROUTE 128 INTERCHANGE AND ESQUIRE DRIVE	4	HSIP	\$ 2,784,000	\$ 2,505,600	\$ 278,400	Construction / PSAC score 61.5
	Intersection Improvements	607342	Boston Region	Milton	MILTON- INTERSECTION & SIGNAL IMPROVEMENTS @ ROUTE 28 (RANDOLPH AVENUE) & CHICKATAWUBT ROAD	6	HSIP	\$ 1,531,200	\$ 1,378,080	\$ 153,120	Construction / PSAC score 43
	Intersection Improvements	608569	Boston Region	Quincy	QUINCY- INTERSECTION IMPROVEMENTS AT ROUTE 3A (SOUTHERN ARTERY) AND BROAD STREET	6	HSIP	\$ 2,784,000	\$ 2,505,600	\$ 278,400	Construction / PSAC score 55
<b>Intersection Improvements subtotal ►</b>								<b>\$ 9,883,200</b>	<b>\$ 8,894,880</b>	<b>\$ 988,320</b>	<b>◄ Funding Split Varies by Funding Source</b>

## 2021 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
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► Intelligent Transportation Systems											
	Intelligent Transportation Systems	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

► Roadway Reconstruction											
	Roadway Reconstruction	607901	Boston Region	Dedham	DEDHAM- PEDESTRIAN IMPROVEMENTS ALONG ELM STREET & RUSTCRAFT ROAD CORRIDORS	6	CMAQ	\$ 2,581,113	\$ 2,064,890	\$ 516,223	Construction / PSAC score 51.25
	Roadway Reconstruction	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NHPP	\$ 37,500,000	\$ 30,000,000	\$ 7,500,000	Construction / Total Project Cost = \$270,000,000 / AC YR 2 of 6 / PSAC score 49
Roadway Reconstruction subtotal ►								\$ 40,081,113	\$ 32,064,890	\$ 8,016,223	◀ 80% Federal + 20% Non-Federal

### ► Section 2C / State Prioritized Expansion Projects

► Bicycles and Pedestrians											
	Bicycles and Pedestrians	607329	Boston Region	Multiple	WAKEFIELD- LYNNFIELD- RAIL TRAIL EXTENSION, FROM THE GALVIN MIDDLE SCHOOL TO LYNNFIELD/PEABODY T.L.	4	CMAQ	\$ 7,084,000	\$ 5,667,200	\$ 1,416,800	Construction / PSAC score 32.5
Bicycles and Pedestrians subtotal ►								\$ 7,084,000	\$ 5,667,200	\$ 1,416,800	◀ 80% Federal + 20% Non-Federal

► Capacity											
	Capacity	Project #	MPO	Municipalities	Description	District	CMAQ	\$ -	\$ -	\$ -	
Capacity subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

### ► Section 3 / Planning / Adjustments / Pass-throughs

► Planning / Adjustments / Pass-throughs											
	Planning / Adjustments / Pass-throughs	Project #	Statewide	Multiple	ABP GANS Repayment	Multiple	NHPP	\$ -	\$ -	\$ -	
Other Statewide Items subtotal ►								\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

### ► Section 4 / Non-Federally Aided Projects

► Non-Federally Aided Projects											
	Non Federal Aid	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFA	\$ 18,112,483		\$ 18,112,483	Construction / Total Project Cost = \$270,000,000 / AC YR 2 of 6 / PSAC score 49
Non-Federal Aid subtotal ►								\$ 18,112,483		\$ 18,112,483	◀ 100% Non-Federal

## 2021 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼	
Total ►	\$ 248,346,318	\$ 18,112,483	\$ 266,458,801	◀ Total Spending in Region
Federal Funds ►	\$ 200,050,306		\$ 200,050,306	◀ Total Federal Spending in Region
Non-Federal Funds ►	\$ 48,296,012	\$ 18,112,483	\$ 66,408,495	◀ Total Non-Federal Spending in Region

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

## Transportation Improvement Program (TIP) Project List (FY2021)

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
<b>5307</b>										
	5307 RTD0005479	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2020 - \$350,000	\$350,000	\$87,500	\$0	\$0	\$437,500
	5307 RTD0005480	Cape Ann Transportation Authority	114206	ACQUIRE - SHOP EQ/COMP/SFTWR	2020 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$50,000
	5307 RTD0005163	MetroWest Regional Transit Authority	440000	Mobility Management	2020 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
	5307 RTD0006003	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV	2020 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
	5307 RTD0006004	MetroWest Regional Transit Authority	113403	TERMINAL, INTERMODAL (TRANSIT) ACQUISITION OF BUS SUPPORT	2020 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
	5307 RTD0006005	MetroWest Regional Transit Authority	114200	EQUIP/FACILITIES	2020 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
	5307 RTD0006369	Massachusetts Bay Transportation Authority (MBTA)	121200	Revenue Vehicle Program		\$120,000,000	\$0	\$0	\$30,000,000	\$150,000,000
	5307 RTD0006370	Massachusetts Bay Transportation Authority (MBTA)	126301	Systemwide Signals Program		\$25,840,976	\$0	\$0	\$6,460,244	\$32,301,220
					Subtotal	\$147,954,391	\$528,354	\$0	\$36,460,244	\$184,942,989
<b>5309</b>										
	5309 RTD0005988	Massachusetts Bay Transportation Authority (MBTA)	132303	Green Line Extension Project		\$146,121,000	\$0	\$0	\$147,848,038	\$293,969,038
					Subtotal	\$146,121,000	\$0	\$0	\$147,848,038	\$293,969,038
<b>5310</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<b>5311</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<b>5337</b>										
	5337 RTD0006371	Massachusetts Bay Transportation Authority (MBTA)	122405	Bridge & Tunnel Program		\$96,000,000	\$0	\$0	\$24,000,000	\$120,000,000
	5337 RTD0006372	Massachusetts Bay Transportation Authority (MBTA)	123400	Stations and Facilities Program		\$35,347,989	\$0	\$0	\$8,836,997	\$44,184,986
	5337 RTD0006373	Massachusetts Bay Transportation Authority (MBTA)	124400	System Upgrades Program		\$16,000,000	\$0	\$0	\$4,000,000	\$20,000,000
					Subtotal	\$147,347,989	\$0	\$0	\$36,836,997	\$184,184,986
<b>5339</b>										
	5339 RTD0006374	Massachusetts Bay Transportation Authority (MBTA)	111400	Bus Program		\$5,552,214	\$0	\$0	\$1,388,053	\$6,940,267
					Subtotal	\$5,552,214	\$0	\$0	\$1,388,053	\$6,940,267
<b>5320</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<b>Other Federal</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
<b>Other Non-Federal</b>										
					Subtotal	\$0	\$0	\$0	\$0	\$0
					Total	\$446,975,594	\$528,354	\$0	\$222,533,332	\$670,037,280

Funds listed under the Carry Over column are included in the Federal Amount

## 2022 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
<b>► Section 1A / Regionally Prioritized Projects</b>											
<b>► Regionally Prioritized Projects</b>											
Roadway reconstruction program		606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	TAP	\$ 2,000,000	\$ 1,600,000	\$ 400,000	Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$76,626,515; TAP project proponent = Boston
Roadway reconstruction program		606226	Boston Region	Boston	BOSTON- RECONSTRUCTION OF RUTHERFORD AVENUE, FROM CITY SQUARE TO SULLIVAN SQUARE	6	STP	\$ 40,445,768	\$ 32,356,614	\$ 8,089,154	Construction; TAP+STP Total Cost = \$152,000,000; AC Yr 3 of 5; Total funding in this TIP = \$76,626,515
Intersection improvements program		605857	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	HSIP	\$ 631,724	\$ 568,552	\$ 63,172	Construction; HSIP+CMAQ+STP Total Cost = \$9,377,782; MPO Evaluation Score = 55
Intersection improvements program		605857	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	Construction; HSIP+CMAQ+STP Total Cost = \$9,377,782; MPO Evaluation Score = 55
Intersection improvements program		605857	Boston Region	Norwood	NORWOOD- INTERSECTION IMPROVEMENTS @ ROUTE 1 & UNIVERSITY AVENUE/EVERETT STREET	5	STP	\$ 5,746,058	\$ 4,596,846	\$ 1,149,212	Construction; HSIP+CMAQ+STP Total Cost = \$9,377,782; MPO Evaluation Score = 55
Planning / Adjustments / Pass through		BN0009	Boston Region	Multiple	COMMUNITY TRANSPORTATION PROGRAM	NA	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Planning, Design, or Construction; Set Aside for LRTP Clean Air and Mobility Program
Bicycles and pedestrians program		607738	Boston Region	Bedford	BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.	4	CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	Construction; CMAQ+TAP+STP Total Cost = \$7,862,878; MPO Evaluation Score = 47
Bicycles and pedestrians program		607738	Boston Region	Bedford	BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.	4	TAP	\$ 350,000	\$ 280,000	\$ 70,000	Construction; CMAQ+TAP+STP Total Cost = \$7,862,878; MPO Evaluation Score = 47; TAP project proponent = Bedford
Bicycles and pedestrians program		607738	Boston Region	Bedford	BEDFORD- MINUTEMAN BIKEWAY EXTENSION, FROM LOOMIS STREET TO THE CONCORD T.L.	4	STP	\$ 4,512,878	\$ 3,610,302	\$ 902,576	Construction; CMAQ+TAP+STP Total Cost = \$7,862,878; MPO Evaluation Score = 47
Bicycles and pedestrians program		608164	Boston Region	Sudbury	SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)	3	CMAQ	\$ 3,000,000	\$ 2,400,000	\$ 600,000	Construction; CMAQ+TAP+STP Total Cost = \$8,004,000; MPO Evaluation Score = 40
Bicycles and pedestrians program		608164	Boston Region	Sudbury	SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)	3	TAP	\$ 500,000	\$ 400,000	\$ 100,000	Construction; CMAQ+TAP+STP Total Cost = \$8,004,000; MPO Evaluation Score = 40; TAP project proponent = Sudbury
Bicycles and pedestrians program		608164	Boston Region	Sudbury	SUDBURY- BIKE PATH CONSTRUCTION (BRUCE FREEMAN RAIL TRAIL)	3	STP	\$ 4,504,000	\$ 3,603,200	\$ 900,800	Construction; CMAQ+TAP+STP Total Cost = \$8,004,000; MPO Evaluation Score = 40
Roadway reconstruction program		607777	Boston Region	Watertown	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	6	HSIP	\$ 2,000,000	\$ 1,800,000	\$ 200,000	Construction; HSIP+CMAQ+STP Total Cost = \$14,190,425; MPO Evaluation Score = 75
Roadway reconstruction program		607777	Boston Region	Watertown	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; HSIP+CMAQ+STP Total Cost = \$14,190,425; MPO Evaluation Score = 75
Roadway reconstruction program		607777	Boston Region	Watertown	WATERTOWN- REHABILITATION OF MOUNT AUBURN STREET (ROUTE 16)	6	STP	\$ 11,190,425	\$ 8,952,340	\$ 2,238,085	Construction; HSIP+CMAQ+STP Total Cost = \$14,190,425; MPO Evaluation Score = 75
Roadway reconstruction program		608078	Boston Region	Chelsea	CHELSEA- RECONSTRUCTION ON BROADWAY (ROUTE 107), FROM CITY HALL AVENUE TO THE REVERE C.L.	6	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+STP Total Cost = \$9,028,628; MPO Evaluation Score = 61
Roadway reconstruction program		608078	Boston Region	Chelsea	CHELSEA- RECONSTRUCTION ON BROADWAY (ROUTE 107), FROM CITY HALL AVENUE TO THE REVERE C.L.	6	STP	\$ 8,028,628	\$ 6,422,902	\$ 1,605,726	Construction; CMAQ+STP Total Cost = \$9,028,628; MPO Evaluation Score = 61
Roadway reconstruction program		608229	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	CMAQ	\$ 1,000,000	\$ 800,000	\$ 200,000	Construction; CMAQ+TAP+STP Total Cost = \$8,671,000; MPO Evaluation Score = 45

## 2022 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼ <i>Present information as follows, if applicable:</i> a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information
Roadway reconstruction program		608229	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	TAP	\$ 200,000	\$ 160,000	\$ 40,000	Construction; CMAQ+TAP+STP Total Cost = \$8,671,000; MPO Evaluation Score = 45; TAP project proponent = Acton
Roadway reconstruction program		608229	Boston Region	Acton	ACTON- INTERSECTION & SIGNAL IMPROVEMENTS AT KELLEY'S CORNER, ROUTE 111 (MASSACHUSETTS AVENUE) AND ROUTE 27 (MAIN STREET)	3	STP	\$ 7,471,000	\$ 5,976,800	\$ 1,494,200	Construction; CMAQ+TAP+STP Total Cost = \$8,671,000; MPO Evaluation Score = 45
Roadway reconstruction program		608146	Boston Region	Marblehead	MARBLEHEAD- INTERSECTION IMPROVEMENTS AT PLEASANT STREET & VILLAGE, VINE AND CROSS STREETS	4	STP	\$ 959,378	\$ 767,502	\$ 191,876	Construction; STP Total Cost = \$959,378; MPO Evaluation Score = 40
Regionally Prioritized Projects subtotal ▶								\$ 49,716,309	\$ 39,973,047	\$ 9,743,262	◀ 80% Federal + 20% Non-Federal

### ▶ Section 1A / Fiscal Constraint Analysis

**Section 1A instructions:** MPO Template Name) Choose Regional Name from dropdown list to populate header and MPO column; Column C) Enter ID from ProjectInfo; Column E) Choose Municipality Name from dropdown list; Column H) Choose the Funding Source being used for the project - if multiple funding sources are being used enter multiple lines; Column I) Enter the total amount of funds being programmed in this fiscal year and for each funding source; Column J) Federal funds autocalculate. Please verify the amount and only change if needed for flex. Column K) Non-federal funds autocalculate. Please verify the split/match - if matching an FTA flex, coordinate with Rail & Transit Division before programming; Column L) Enter Additional Information as described - please do not use any other format.

Total Regional Federal Aid Funds Programmed ▶	\$ 101,539,859	\$ 101,539,859	◀ Total	\$ (0)	Funds Over Programmed
STP programmed ▶	\$ 82,858,135	\$ 83,572,288	◀ Max STP	\$ 714,153	STP available
HSIP programmed ▶	\$ 2,631,724	\$ 4,296,710	◀ Min. HSIP	\$ 1,664,986	HSIP recommended not met
CMAQ programmed ▶	\$ 13,000,000	\$ 10,741,776	◀ Min. CMAQ	\$ (2,258,224)	CMAQ recommended met
TAP programmed ▶	\$ 3,050,000	\$ 2,929,085	◀ Min. TAP	\$ (120,915)	TAP amount exceeded!
HSIP, CMAQ, TAP Overprogrammed \$		(0)			

### ▶ Section 1B / Earmark or Discretionary Grant Funded Projects

#### ▶ Other Federal Aid

Earmark Discretionary	Project #	Boston	Municipalities	Description	District	HPP	\$ -	\$ -	\$ -	
Earmark Discretionary	Project #	Boston	Municipalities	Description	District	HPP	\$ -	\$ -	\$ -	
Other Federal Aid subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

### ▶ Section 2A / State Prioritized Reliability Projects

#### ▶ Bridge Program / Inspections

Bridge Program	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$ -	\$ -	\$ -	
Bridge Program / Inspections subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

#### ▶ Bridge Program / Off-System

Bridge Program	Project #	MPO	N/A	Description	District	STP-BR-OFF	\$ -	\$ -	\$ -	
Bridge Program / Off-System subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

#### ▶ Bridge Program / On-System (NHS)

Bridge Program	Project #	Boston Region	Boston	BOSTON- SUPERSTRUCTURE REPAIRS ON B-16-365, BOWKER OVERPASS OVER STORROW DRIVE (EB)	6	NHPP-On	\$ 24,009,680	\$ 19,207,744	\$ 4,801,936	
Bridge Program / On-System (NHS) subtotal ▶							\$ 24,009,680	\$ 19,207,744	\$ 4,801,936	◀ Funding Split Varies by Funding Source

#### ▶ Bridge Program / On-System (Non-NHS)

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP-Off	\$ -	\$ -	\$ -	
Bridge Program / On-System (Non-NHS) subtotal ▶							\$ -	\$ -	\$ -	◀ 80% Federal + 20% Non-Federal

#### ▶ Bridge Program / Systematic Maintenance

Bridge Program	Project #	MPO	Municipalities	Description	District	NHPP-On	\$ -	\$ -	\$ -	
Bridge Program / Systematic Maintenance subtotal ▶							\$ -	\$ -	\$ -	◀ Funding Split Varies by Funding Source

## 2022 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
<b>► Interstate Pavement</b>											
	Interstate Pavement	608210	Boston Region	Multiple	FOXBOROUGH- PLAINVILLE- WRENTHAM-FRANKLIN- INTERSTATE MAINTENANCE & RELATED WORK ON I-495	5	NHPP	\$ 11,497,920	\$ 10,348,128	\$ 1,149,792	Construction
Interstate Pavement subtotal ►								<b>\$ 11,497,920</b>	<b>\$ 10,348,128</b>	<b>\$ 1,149,792</b>	◀ 90% Federal + 10% Non-Federal
<b>► Non-Interstate Pavement</b>											
	Non-Interstate Pavement	608817	Boston Region	Multiple	SALEM- LYNN- RESURFACING AND RELATED WORK ON ROUTE 107	4	NHPP	\$ 2,566,500	\$ 2,053,200	\$ 513,300	Construction
	Non-Interstate Pavement	608818	Boston Region	Danvers	DANVERS- RESURFACING AND RELATED WORK ON ROUTE 114	4	NHPP	\$ 1,916,320	\$ 1,533,056	\$ 383,264	Construction
Non-Interstate Pavement subtotal ►								<b>\$ 4,482,820</b>	<b>\$ 3,586,256</b>	<b>\$ 896,564</b>	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Improvements</b>											
	Roadway Improvements	Project #	MPO	N/A	Description	5	STP	\$ -	\$ -	\$ -	
Roadway Improvements subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal
<b>► Safety Improvements</b>											
	Safety Improvements	Project #	MPO	N/A	Description	Multiple	HSIP	\$ -	\$ -	\$ -	
Safety Improvements subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ Funding Split Varies by Funding Source
<b>► Section 2B / State Prioritized Modernization Projects</b>											
<b>► ADA Retrofits</b>											
	ADA Retrofits	Project #	MPO	Municipalities	Description	District	STP	\$ -	\$ -	\$ -	
ADA Retrofits subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal
<b>► Intersection Improvements</b>											
	Intersection Improvements	Project #	MPO	Municipalities	Description	District	HSIP	\$ -	\$ -	\$ -	
Intersection Improvements subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ Funding Split Varies by Funding Source
<b>► Intelligent Transportation Systems</b>											
	Intelligent Transportation Systems	Project #	MPO	Municipalities	Description	District	NHPP	\$ -	\$ -	\$ -	
Intelligent Transportation System subtotal ►								<b>\$ -</b>	<b>\$ -</b>	<b>\$ -</b>	◀ 80% Federal + 20% Non-Federal
<b>► Roadway Reconstruction</b>											
	Roadway Reconstruction	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NHPP	\$ 37,500,000	\$ 30,000,000	\$ 7,500,000	Construction / Total Project Cost = \$270,000,000 / AC YR 3 of 6 / PSAC score 49
Roadway Reconstruction subtotal ►								<b>\$ 37,500,000</b>	<b>\$ 30,000,000</b>	<b>\$ 7,500,000</b>	◀ 80% Federal + 20% Non-Federal



## 2022 Boston Region Transportation Improvement Program

Amendment / Adjustment Type ▼	STIP Program ▼	MassDOT Project ID ▼	Metropolitan Planning Organization ▼	Municipality Name ▼	MassDOT Project Description ▼	MassDOT District ▼	Funding Source ▼	Total Programmed Funds ▼	Federal Funds ▼	Non-Federal Funds ▼	Additional Information ▼
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**Present information as follows, if applicable:** a) Planning / Design / or Construction; b) total project cost and funding sources used; c) advance construction status; d) MPO project score; e) name of entity receiving a transfer; f) name of entity paying the non-state non-federal match; g) earmark details; h) TAP project proponent; i) other information

### ▶ Section 2C / State Prioritized Expansion Projects

▶ Bicycles and Pedestrians													
Bicycles and Pedestrians	Project #	MPO	N/A	Description	District	CMAQ	\$	-	\$	-	\$	-	
Bicycles and Pedestrians subtotal ▶							\$	-	\$	-	\$	-	◀ 80% Federal + 20% Non-Federal

▶ Capacity													
Capacity	Project #	MPO	Municipalities	Description	District	CMAQ	\$	-	\$	-	\$	-	
Capacity subtotal ▶							\$	-	\$	-	\$	-	◀ Funding Split Varies by Funding Source

### ▶ Section 3 / Planning / Adjustments / Pass-throughs

▶ Planning / Adjustments / Pass-throughs													
Planning / Adjustments / Pass-throughs	Project #	Statewide	Multiple	Description	Multiple	NHPP	\$	-	\$	-	\$	-	
Other Statewide Items subtotal ▶							\$	-	\$	-	\$	-	◀ Funding Split Varies by Funding Source

### ▶ Section 4 / Non-Federally Aided Projects

▶ Non-Federally Aided Projects													
Non Federal Aid	607977	Boston Region	Multiple	HOPKINTON- WESTBOROUGH- RECONSTRUCTION OF I-90/I-495 INTERCHANGE	3	NFA	\$	18,112,483	\$	18,112,483	\$	18,112,483	
Non-Federal Aid subtotal ▶							\$	18,112,483	\$	18,112,483	\$	18,112,483	◀ 100% Non-Federal

## 2022 Summary

	TIP Section 1 - 3: ▼	TIP Section 4: ▼	Total of All Projects ▼
Total ▶	\$ 127,206,729	\$ 18,112,483	\$ 145,319,212
Federal Funds ▶	\$ 103,115,175		\$ 103,115,175
Non-Federal Funds ▶	\$ 24,091,554	\$ 18,112,483	\$ 42,204,037

701 CMR 7.00 Use of Road Flaggers and Police Details on Public Works Projects / 701 CMR 7.00 (the Regulation) was promulgated and became law on October 3, 2008. Under this Regulation, the CMR is applicable to any Public works Project that is performed within the limits of, or that impact traffic on, any Public Road. The Municipal Limitation referenced in this Regulation is applicable only to projects where the Municipality is the Awarding Authority. For all projects contained in the TIP, the Commonwealth is the Awarding Authority. Therefore, all projects must be considered and implemented in accordance with 701 CMR 7.00, and the Road Flagger and Police Detail Guidelines. By placing a project on the TIP, the Municipality acknowledges that 701 CMR 7.00 is applicable to its project and design and construction will be fully compliant with this Regulation. This information, and additional information relative to guidance and implementation of the Regulation can be found at the following link on the MassDOT Highway Division website: <http://www.massdot.state.ma.us/Highway/flaggers/main.aspx>

**Transportation Improvement Program (TIP)  
Project List (FY2022)**

FTA Program	Project Number	Transit Agency	FTA Activity Line Item	Project Description	Carryover (unobligated)	Federal Funds	State Funds	TDC	Local Funds	Total Cost
<b>5307</b>										
	5307 RTD0006090	Cape Ann Transportation Authority	117A00	PREVENTIVE MAINTENANCE	2021 - \$325,000	\$325,000	\$0	\$0	\$81,250	\$406,250
	5307 RTD0006091	Cape Ann Transportation Authority		114206 ACQUIRE - SHOP EQUIPMENT	2021 - \$40,000	\$40,000	\$10,000	\$0	\$0	\$50,000
	5307 RTD0006299	MetroWest Regional Transit Authority	117C00	NON FIXED ROUTE ADA PARA SERV ACQUISITION OF BUS SUPPORT	2021 - \$1,300,000	\$1,300,000	\$325,000	\$0	\$0	\$1,625,000
	5307 RTD0006300	MetroWest Regional Transit Authority		114200 EQUIP/FACILITIES	2021 - \$248,415	\$248,415	\$62,104	\$0	\$0	\$310,519
	5307 RTD0006301	MetroWest Regional Transit Authority		113403 TERMINAL, INTERMODAL (TRANSIT)	2021 - \$150,000	\$150,000	\$37,500	\$0	\$0	\$187,500
	5307 RTD0006302	MetroWest Regional Transit Authority		440000 Mobility Management	2021 - \$25,000	\$25,000	\$6,250	\$0	\$0	\$31,250
	5307 RTD0006375	Massachusetts Bay Transportation Authority (MBTA)		121200 Revenue Vehicle Program		\$80,000,000	\$0	\$0	\$20,000,000	\$100,000,000
	5307 RTD0006376	Massachusetts Bay Transportation Authority (MBTA)		126301 Systemwide Signals Program		\$65,840,976	\$0	\$0	\$16,460,244	\$82,301,220
				Subtotal		\$147,929,391	\$440,854	\$0	\$36,541,494	\$184,911,739
<b>5309</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
<b>5310</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
<b>5311</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
<b>5337</b>										
	5337 RTD0006377	Massachusetts Bay Transportation Authority (MBTA)		122405 Bridge & Tunnel Program		\$72,000,000	\$0	\$0	\$18,000,000	\$90,000,000
	5337 RTD0006378	Massachusetts Bay Transportation Authority (MBTA)		123400 Stations and Facilities Program		\$11,347,989	\$0	\$0	\$2,836,997	\$14,184,986
	5337 RTD0006379	Massachusetts Bay Transportation Authority (MBTA)		126301 Systemwide Signals Program		\$64,000,000	\$0	\$0	\$16,000,000	\$80,000,000
				Subtotal		\$147,347,989	\$0	\$0	\$36,836,997	\$184,184,986
<b>5339</b>										
	5339 RTD0006380	Massachusetts Bay Transportation Authority (MBTA)		111400 Bus Program		\$5,552,214	\$0	\$0	\$1,388,053	\$6,940,267
				Subtotal		\$5,552,214	\$0	\$0	\$1,388,053	\$6,940,267
<b>5320</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
<b>Other Federal</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
<b>Other Non-Federal</b>										
				Subtotal		\$0	\$0	\$0	\$0	\$0
				Total		\$300,829,594	\$440,854	\$0	\$74,766,544	\$376,036,992

Funds listed under the Carry Over column are included in the Federal Amount